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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

SKLAR *et al.*

Serial Number: 09/501,643

Filed: February 10, 2000

For: FLOW CYTOMETRY FOR HIGH
THROUGHPUT SCREENING

Examiner: Gabel, G.

Art Unit: 1641

Docket No.: UNME-0070-1

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED

MAY 09 2003

AMENDMENT

TECH CENTER 1600/2900

Sir:

This is in response to the Office Action mailed on February 12, 2003 the period of response to which is set to expire on May 12, 2003. Please amend the above-captioned application, without prejudice or disclaimer, as follows:

IN THE SPECIFICATION:

Please amend the Specification, without prejudice or disclaimer, as indicated below:

Please insert the following paragraph after page 14, line 16:

Flow cytometry, the measurement of cells in a moving liquid stream, is a valuable analysis tool in research laboratories. Conventional flow cytometry devices for sorting objects such as cells and particles basically consist of a liquid stream forming a sheath fluid into which cell sample is introduced then focused through an orifice. As the objects pass through the orifice, particular characteristics of the objects are determined based upon the analyzing or counting capabilities of the device. Usually, the device can sort or count at high speeds, collecting tens of thousands of the objects based on a variety of chemical and physical characteristics such as size, granulation of the cytoplasm and presentation of specific antigens. Accordingly, there has been considerable interest in flow cytometry to sort objects for subsequent

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